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HDP/SB/21 based on PTO/SB/21 (08-00)



TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

TRANSMITTAL FORM (To be used for all correspondence after initial filing)		Application Number	60/257,244
		Filing Date	December 20, 2000
		First Named Inventor	William T. Presley
		Group Art Unit	
		Examiner Name	
Total Number of Pages in This Submission	4	Attorney Docket Number	705866US1MPC (0364P-001414)

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Change of Address in Application return receipt postcard
Remarks		The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 03-1800. A duplicate copy of this sheet is enclosed.

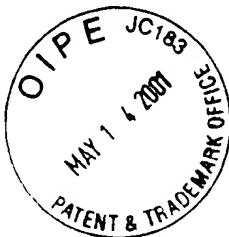
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	Stephen T. Olson	Reg. No.	36,626
Signature					
Date	5-11-01				

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on the date indicated below.

Typed or printed name	Stephen T. Olson		
Signature		Date	5-11-01



EXAMPLE of DO-IT-YOURSELF
PACKAGE APPROACH, WHICH
INSERT BRINGS THE COST OF THE
WATER-WIPETM SYSTEM DOWN
TO AN AFFORDABLE \$50- "OUT
OF POCKET EXPENSE".
JTH

PLEASE NOTE THAT PAGE 1 OF THE ENCLOSED

INTELLECTUAL PROPERTY PACKAGE DEALS WITH

THE INTRODUCTION OF THE WATER-WIPE (R) AND

HOW TO ACQUIRE THE SYSTEM. SINCE YOU HAVE

RESPONDED AS INDICATED IN THIS INTRODUCTION,

RECEIPT OF THE \$21.50 FEE IS HERewith ACKNOWLEDGED.

PARTS TO PURCHASE REVISED FROM PAGE 5

<u>Quantity</u>	<u>Part Number</u>	<u>Description</u>	<u>Cost</u>
1	ACE 45890	Dual Outlet Shut-off Valve-----	\$ 9.49
1	ACE 49235	Angle Shut-off Valve-----	\$ 6.79
1	ACE 42438	Union-----	\$ 2.49
1	ACE 4054235	PVC hose, 3/8"-1/2", 20 inch-----	\$ 4.29
1	ACE 4056982	PVC hose, 3/8"-7/8", 12 inch-----	\$ 3.39
1	ACE 49555	Adapter-----	\$ 1.99
2 inch	ACE will cut	3/8" Dia. copper tube-----	\$ 1.00
2 1/2'	ACE will cut	1/4" Dia. copper tube @ \$0.59/ft-----	\$ 1.50
Total cost of parts specified-----			<u>\$ 30.94</u>



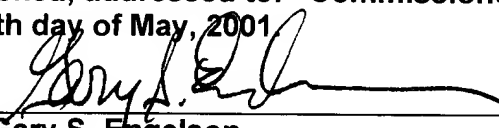
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert Seliger
Serial No: 60/254,753
Filed: December 11, 2000
For: SECURE AUDIT OF USER CONTEXT

Examiner: Not Assigned
Art Unit: Not Assigned

**CERTIFICATE OF MAILING
UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to: Commissioner for Patents, Washington, D.C. 20231, on the 10th day of May, 2001.



Gary S. Engelson
Reg. No. 35,128

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith are the following documents:

☒ Power of Attorney by Inventor

☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617)720-3500, Boston, Massachusetts.

No fee is required. If the fee is insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully Submitted,



Gary S. Engelson
Reg. No. 35,128
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, MA 02210-2211
(617)720-3500

Docket No. S1389/7011
Date: May 10, 2001
xNDD

Naalehu
May 7, 01



9200

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, DC 20231

Dear Sir:

I acknowledge receipt of your corrected Filing Receipt Confirmation No. 4957 dated 5/1/2001.

I herewith apply for the issue of the NON-PROVISIONAL patent and claim the benefit of U.S. Provisional Application:

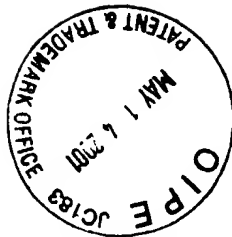
Number 60/235,574
Filing Date 9/27/2000
Applicant Hendrik M. Haan
Title of Invention "Water-wipe"

Yours respectfully,

A handwritten signature in cursive script, appearing to read "Hendrik M. Haan".

Hendrik M. Haan
P.O. Box 889
Naalehu, HI 96772

Naalehu
Year 2001



Introducing the WATER-WIPE (t)

The invention consists of a modification to the toilet flushing hose configuration to enable the introduction and control of an additional water flow to enter the toilet bowl.

As shown in the "Intellectual Property" package drawings and photos, this new flow is both adjustable in pressure and direction. Its purpose is to provide a hygienic alternative to the customary use of toilet paper.

A brief description of how the WATER-WIPE(t) works:

- Its spout, formed by tubing with universally applicable designed curvature, connects to a conveniently located control valve, next to the toilet seat.
- From this control valve a pressure adjustable water jet is directed to the toilet bowl, where it exits in a precise location via the spout.
- The bracket not only supports the control valve of the WATER-WIPE(t), but it also serves as a decorative cover of the specially shaped tubing that leads to the spout.

Besides enhancing personal body hygiene, the WATER-WIPE (t) will through its wide spread adoption by the public produce significant ecological advantages through savings of national resources. Less waste of paper will save forests, reduce the load on sewers and septic tanks, thus protecting the purity of the underground water supply. The reduction of cleaning sensitive areas with paper products will reduce infections, abrasions and/or irritations.

Acquiring the WATER-WIPE(t) and encouraging its wide spread use as the inventor intended, a least costly approach was chosen for "do-it yourselfers" who can avail themselves of this desirable addition to their bathroom at a cost of some \$50.- out of pocket expenses per installation.

HERE IS HOW THIS IS DONE:

Mail a self addressed standard 9 1/2"-4 1/8" business return envelope with 55 cent postage, to the address below, together with your check for \$ 21.50 for the Intellectual Property package, which contains step by step installation instructions with self explanatory drawings, detailed list of the parts you need with their part numbers and prices for \$29.84 from the ACE nation wide chain of hardware outlets (applicable sales tax to be added).

Finally the object to give widespread access to the WATER-WIPE(t) system is achieved via its simplicity of concept. The installation can be done with tools most people have in their tool kits and a typical list of tools you will find to come in handy is included in the information kit that will be mailed to you in the stamped return envelope to the address shown on it. Please make your \$ 21.50 check payable to the undersigned. You can look forward to a few hours of installation fun, leading to years of a modern way to use your bathroom's new capability.

Sincerely,

Hendrik M. Haan, inventor
P.O. Box 889, Naalehu, HI. 96772

NOTICE

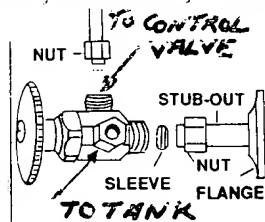
The WATER-WIPE(t), patent applied for, is protected by Federal Law, copying of its Intellectual Property and/or the system it covers in part or in whole is prohibited. The \$21.50 fee is for a single installation only. Quantity discounts, e.g. hotels, if applicable are subject to negotiations.

"Do-it-yourselfers" benefit from a 10% discount and pay only \$19.35 if the order specifies how they learned about the WATER-WIPE (t).

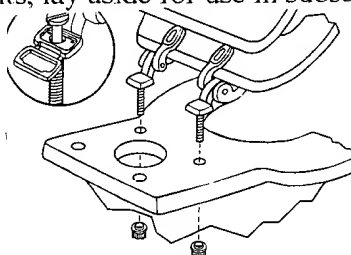
INSTALLATION INSTRUCTIONS

Please follow steps in sequence listed.

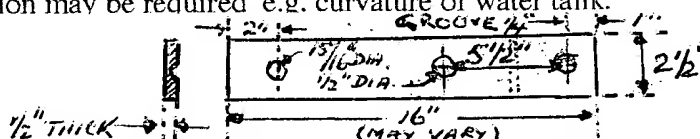
Step 1: Shut off main water supply, close the shut-off valve, flush toilet, remove hose to toilet tank, remove the single outlet valve from water supply tube, leaving compression sleeve and nut, install dual outlet ACE 45890, turn off, restore water supply, check for leaks.



Step 2: Remove toilet seat hinge bolts, lay aside for use in subsequent step, lift off both seat and its cover.



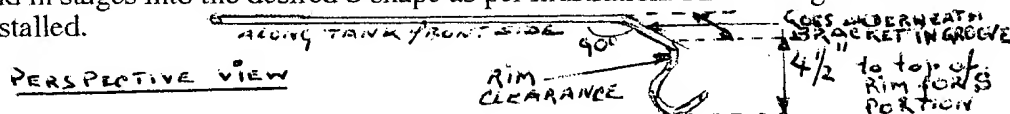
Step 3: Refer to the drawing of a typical WaterWipe installation shown in perspective, identify control valve bracket. Use material of your choice, usually decorative wood of adequate stiffness, 1/2 inch thick. Make a paper template as per illustration for a typical toilet. Line template up with the 2 bolt holes of the toilet bowl to check for correct fit. Sometimes compensation may be required e.g. curvature of water tank.



Cut the bracket as per template (adjusted if need be), drill the 2 bolt holes of 1/2 inch dia. and the 3rd. hole for the angle shut-off valve ACE49235 of 1 5/8 inch dia. Sand paper corners smooth. Turn over bracket and cut a groove across its entire width in the middle of the 2 bolt holes to a depth of 1/4 inch. This allows the spout tube straight portion to pass underneath the bracket. Lay bracket aside for the time being.

Step 4: Attach the 2 inch piece of 3/8 inch dia. copper tube into outlet of the angle shut-off valve with compression sleeve and nut provided. Slide the union ACE 42438, 3/8 inch side onto the 3/8 inch dia. tube and screw on the nut with compression sleeve in place. Put this sub-assembly aside for use in a subsequent step.

Step 5: Take the 2 1/2 feet of 1/4 inch dia. copper tubing and starting with the spout's discharge end bend in stages into the desired S shape as per illustration. Fine tuning will be made once installed.

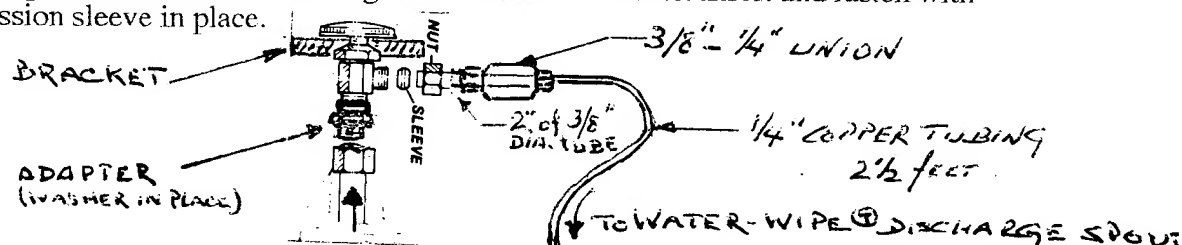


To clear the tank shape the tube to lay along its side to the left, behind the bracket to be installed, by a rounded bend of 90 degrees starting at a distance from the S portion corresponding to the path of the groove underneath the bracket., some 2 1/2 to 3 inch.

Step 6: With the tube bending completed to this stage, the bracket and the toilet seat & cover assembly are to be installed. The bracket goes in place with its tube portion in the groove underneath, the spout is lined up over the rim in the middle of the bowl, the holes are seen through the bracket. Have it held in place while the toilet seat hinge rings are positioned on top and the bolts can be dropped in. Tighten securely so that there remains no movement in the bracket.

Step 7: Take the sub-assembly prepared in step 4, remove the handle of the control valve (single screw on top) and pull handle from its serrated shaft. Now the angular body of the valve with the union joint already attached and pointing straight to the back, is firmly pushed upwards into the $\frac{5}{16}$ inch hole of the bracket, because of the body's shape some filing may assist to house the valve snugly, with its top almost flush with the bracket's surface so that the valve stem protrudes to re-install its handle which is turned to the right to close.

Step 8: The final stage of tube bending is accomplished in this step by gradually bending the portion beyond the tank's left front corner in stages while holding tube slightly away from sharp corners make the turn towards the 1/4 inch end of the union joint. Allow a small overlap and remove excess tubing with a small tube cutter. Insert and fasten with nut, compression sleeve in place.



Step 9: Install PVC hose ACE 4054235 to 1/2 inch entry of the control valve, the other end to the dual outlet shut-off valve's 3/8 inch compression outlet. Also attach the tank's hose in same manner.

Step 10: Make final adjustments as need be to spout's position in toilet bowl, check all bends so tubing follows the contours outlined. The bracket must be firmly attached so there is no play whatsoever. Check for leaks by opening the dual outlet shut-off valve, the toilet tank fills. Now cover the WATER-WIPE (T) discharge spout with a towel, to avoid a spill. Open its valve gradually to go from soft rinsing to selected pressure jet action. Check all connections and make adjustments if called for. Personalize by fine tuning the spout's directional spray action into the toilet bowl.



LIST OF PARTS

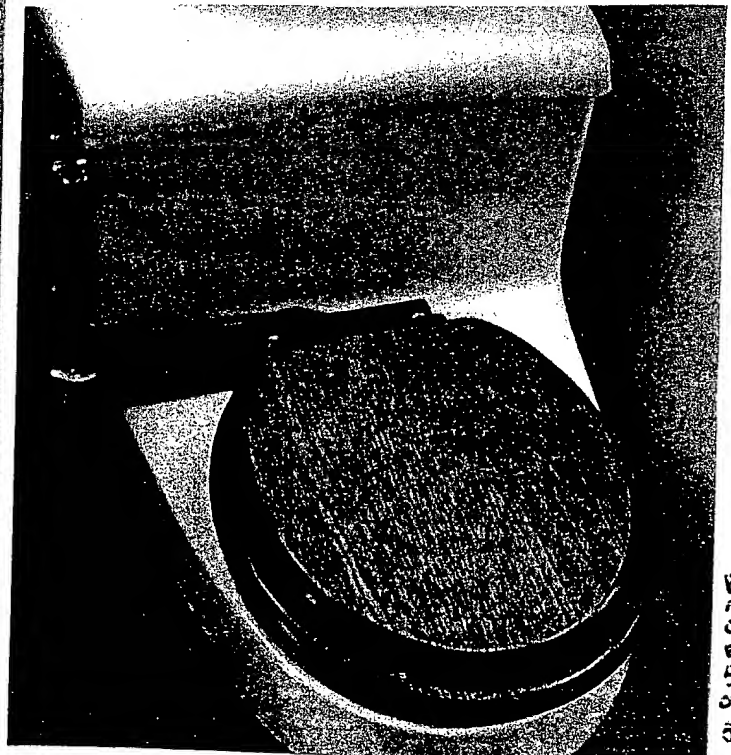
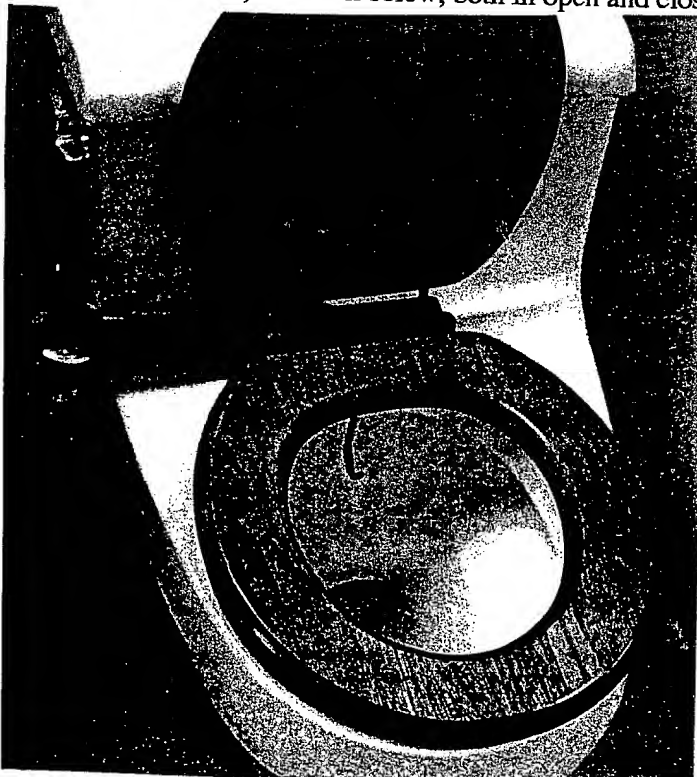
The installation instructions are based on parts selected from the wide spread ACE hardware distribution outlets, where they are readily available. Functional equivalents may be used, but could effect certain dimensions specified.

<u>Quantity</u>	<u>Part Number</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total</u>
1	ACE 45890	Dual Outlet Shut-off Valve	\$ 9.49	\$ 9.49
1	ACE 44235	Angle Shut-off valve	\$ 6.79	\$ 6.79
1	ACE 42438	Union	\$ 2.49	\$ 2.49
2	ACE 4054235	PVC hose, 3/8"-1/2", 20"	\$ 3.29	\$ 6.58
2 inch	3/8" dia. copper tube		-	\$ 1.-
2 1/2 feet	1/4" dia. copper tube		\$ 0.59/ft	\$ 1.50
1	ACE 49555	Adapter	\$ 1.99	\$ 1.99
				<u><u>\$29.84</u></u>

TOOLS

- handsaw(to cut the control valve bracket from 1/2" thick decorative wood of your choice)
- electric drill
- spade bits 1/2" and 5/16"
- small size tube cutter
- medium size crescent wrench
- screw driver (Phillips)
- pair of pliers
- sand paper
- 1/4" chissel(to make the groove in bracket's bottom)
- small hammer

The finished WATER-WIPE (T) system, once installed on the toilet as an added fixture to the bathroom, is shown below, both in open and closed positions:



0105539

VIEW IN PERSPECTIVE
SHOWING
TYPICAL WATER-WIPE® INSTALLATION

